PENDING APPLICATIONS

Research and Extramural Studies - Osdene

ϕ00001424 1

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

PENDING APPLICATIONS

Philip Morris Incorporated
Privileged and Confidential

September 1, 1983

Code 1 - Offensive/Urgent
Code 2 - Defensive/Urgent
Code 3 - Offensive/Normal
Code 4 - Defensive/Normal

2000014242

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

189417 PM 975/PREPARATION OF OXYCARBOXYLIC ACIDS

W. Edwards III
Chemical Research/Sanders/Osdene

This invention provides a process for the conversion of an alicyclic alpha,beta-olefinically unsaturated ketone compound to an acyclic oxycarboxylic acid product which contains at least one less carbon atom per molecule than the ketone starting material. The conversion involves ozonation of the alicyclic alpha,beta-olefinically unsaturated ketone in an aqueous alcohol reaction medium, followed by a heating step.

Inskeep

9-22-80	Filed in PTO; assignment recorded.
12-8-90	Prior art statement.
2-3-81	Action rejecting all claims.
4-24-81	Response.
8-4-81	Action indicating informal allowance.
8-26-81	Response.
12-21-81	Examiner's communication indicating allowance pending outcome of question of interference.
6-23-82	Status inquiry.
1-12-83	Status inquiry.

No corresponding foreign applications/patents.

* * * * *

Φ00014243

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

204974 PM 964/SMOKING COMPOSITIONS

Y. Houminer and H. Grubbs
Chemical Research/Sanders/Osdene

This invention provides tobacco and non-tobacco smoking compositions which contain a heterocyclic-hydroxy-substituted carboxylate compound as a flavorant additive.

Inskeep

11-7-80	Filed in PTO; assignment recorded.
2-5-81	Prior art statement.
9-14-81	Restriction requirement.
9-25-81	Response electing Claims 11-31.
10-26-82	Status inquiry.
11-18-82	Restriction requirement.
11-26-82	Response electing Group III (Claims 11-31).
3-1-83	Action indicating informal allowance.
4-18-83	Amendment.

Corresponding foreign applications/patents in: Argentina, Australia, Brazil, Canada, Venezuela, and EPO designating Belgium, France, Germany, Italy, Netherlands, Switzerland, and UK.

* * * * *

220196 PM 868 DIV I/SMOKING COMPOSITIONS

E. Sanders and Y. Houminer
Chemical Research/Sanders/Osdene

This invention provides tobacco and non-tobacco smoking compisitions which contain a pyrazine-containing polyheterocyclic compound as a flavorant additive.

Inskeep/D&O

12-23-80	Filed in PTO.
11-18-82	Action allowing all claims.
12-13-82	Amendment.

No corresponding foreign applications/patents.

* * * * *

ϕ000014244

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

221054 PM 828 DIV/SMOKING COMPOSITIONS

E. Sanders and Y. Houminer
Chemical Research/Sanders/Osdene

This invention provides tobacco and non-tobacco smoking compositions which contain a substituted-heterocyclic compound as a flavorant additive.

Inskeep/D&O
12-29-80 Filed in PTO.
1-12-83 Status inquiry.
5-4-83 Action allowing all claims.
6-8-83 Amendment.

No corresponding foreign applications/patents.

* * * * *

259264 PM 1019/FLAVOR-RELEASE BETA-HYDROXY-ESTER COMPOSITIONS

H. Grubbs and Y. Houminer
Chemical Research/Sanders/Osdene

This invention provides tobacco and foodstuff compositions which contain a hydroxy-substituted carboxylate compound as a flavorant additive.

Inskeep/D&O
4-30-81 Filed in PTO; assignment recorded..
11-19-82 Action allowing claims 1 and 3-15 and rejecting 2 (response due 19 February).
1-27-83 Amendment.
5-4-83 Action allowing all claims.
6-6-83 Amendment.

Corresponding foreign applications/patents in: Australia, Brazil, Canada, and EPO designating France, Germany, Switzerland, and UK.

* * * * *

0000014245

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

265635 PM 920 DIV/SMOKING COMPOSITIONS

H. Grubbs and Y. Houminer
Chemical Research/Sanders/Osdene

This invention provides tobacco and non-tobacco smoking compositions which contain a heterocyclic-hydroxy-substituted carboxylate compound as a flavorant additive.

Inskeep/D&O
5-20-81 Filed in PTO.
1-12-83 Status inquiry.
5-4-83 Action allowing all claims.
6-1-83 Amendment.

Foreign applications/patents corresponding to parent (USSN 122901) in: Argentina, Australia, Brazil, Canada, Ecuador, Philippines, Venezuela, and EPO designating France, Germany, Netherlands, and Switzerland.

* * * * *

2060014246

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

373901 PM 944/SMOKING COMPOSITIONS

E. Southwick and H. Grubbs
Chemical Research/Sanders/Osdene

In one of its embodiments this invention provides a smoking composition which contains a novel type of flavorant additive as exemplified by polymerized ethyl 2-propenyl 2-(2-butyl)malonate.

Inskeep/D&O
5-3-82 Filed in PTO; assignment recorded.
7-29-82 Prior art statement.

No corresponding foreign applications/patents.

* * * * *

Φ00014247

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

377989 PM 893 DIV II/OPTICALLY ACTIVE NICOTINE ANALOGS AND PROCESS FOR THEIR PREPARATION

W. Edwards III
Chemical Research/Sanders/Osdene

This invention provides a process for the preparation of cotinine and nicotine analogs containing substituents on pyrrolidinone/pyrrolidine ring at the 3' position of cotinine and at the 4' and 5' position of nicotine.

Inskeep/D&O
5-13-82 Filed in PTO.
4-7-83 Action rejecting all claims (response due 7 July). (Extension to be filed with amendment.)

No corresponding foreign applications/patents.

* * * * *

377990 PM 893 DIV I/OPTICALLY ACTIVE NICOTINE ANALOGS AND PROCESS FOR THEIR PREPARATION

W. Edwards III
Chemical Research/Sanders/Osdene

This invention provides a process for the preparation of cotinine and nicotine analogs containing substituents on pyrrolidinone/pyrrolidine ring at the 3' position of cotinine and at the 4' and 5' position of nicotine.

Inskeep/D&O
5-13-82 Filed in PTO with preliminary amendment.
3-31-83 Action rejecting all claims (response due 31 June).
7-26-83 Amendment, declaration, and extension.

No corresponding foreign applications/patents.

* * * * *

0000014248

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

410205 PM 894/1,4-DIACYLPIPERAZINE FLAVORED SMOKING COMPOSITIONS

W. Edwards and Y. Houminer
Chemical Research/Sanders/Osdene

This invention provides smoking compositions which contain a diacylpiperazine additive such as 1,4-(2-methyl-propionyl)-2,3,5,6-tetramethylpiperazine. The preferred diacylpiperazine additives impart enhanced flavor response and smoothness.

Inskeep/D&O
8-23-82 Filed in PTO; assignment recorded.
11-26-82 Prior art statement.

Corresponding foreign applications/patents in: EPO designating Germany, Netherlands, Switzerland, and UK.

* * * * *

415307 PM 1081/TOOL STEEL [illegible]

Φ000014249

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

417271 PM 1095/SMOKING COMPOSITIONS

W. Chan
Chemical Research/Sanders/Osdene

A non-volatile source of ketone to flavor tobacco smoke is provided by a beta-ketocarboxylic acid ester of a sugar or related compound. The ester is applied to the smoking material and remains in place until the burning coal releases the ketone.

Inskeep
9-13-82 Filed in PTO; assignment recorded.
12-28-82 Prior art statement.

Corresponding foreign applications/patents in: Australia, Canada, and EPO designating France, Germany, Switzerland, and UK.

* * * * *

ϕ0000014250

Source: https://www.industrydocuments.ucsf.edu/docs/ybj0000

421922 PM 1080/SMOKING COMPOSITIONS CONTAINING NOVEL ACYLPYRAZINE FLAVORANTS

D. Williams, E. Southwick, and Y. Houminer
Chemical Research/Sanders/Osdene

In one of its embodiments the present invention provides a smoking composition which contains a novel type of bicyclic acylpyrazine flavorant additive as exemplified by 2-acetyl-5,6,7,8-tetrahydroxyclohexa[b]pyrazine.

Inskeep/D&O
9-23-82 Filed in PTO; assignment recorded.
1-31-83 Prior art statement.

Corresponding foreign applications/patents in: Australia.

* * * * *

0000014251

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

467412 PM 1130/SMOKING COMPOSITIONS CONTAINING A NOVEL MONOACYL-PYRAZINE FLAVORANT

Y. Houminer, E. Southwick, and D. Williams
Chemical Research/Sanders/Osdene

This invention provides smoking compositions which contain a monoacylpyrazine compound as a flavorant additive. In one of its embodiments, this invention provides tobacco compositions which contain a monoacylpyrazine flavorant additive such as 1-pyrazinyl-2,2-dimethyl-1-propanone. Under cigarette smoking conditions the monoacylpyrazine additive flavors the mainstream smoke and enriches the aroma of the sidestream smoke.

Inskeep/D&O
2-17-83 Filed in PTO; assignment recorded.
4-26-83 Prior art statement.

* * * * *

Φ0000142252

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

468176 PM 1088 Cont./SMOKING ARTICLE

G. Burnett, W. Claflin, H. Lanzillotti, A. Lilly Jr., J. Nienow (Q.A.), T. Osdene, A. Wyate
Tobacco Fundamentals/Watson/Turano
Flavor Development/Daylor/Meyer
Applied Research/Farone
Research and Extramural Studies/Osdene

Smoking articles comprising a high density, relatively low porosity coherent mass of combustible tobacco material having at least one passage extending therethrough are disclosed. In a preferred embodiment the smoking article is a cylinder having at least one passage axially therethrough. The smoking article may further comprise a plug of ignitable material in passage blocking position at one end of the passage, said plug being such as to permit puff induced air flow therethrough. At least one additional plug may be similarly disposed at the opposite end of the passage or at an intermediate point in the passage. By adjusting the density, the surface area and/or the porosity of the mass available for combustion, the per puff delivery of tar by the smoking article upon combustion may be controlled.

Blish/F&N/Shaw

2-18-83 Continuation of pending SN 148124 filed with preliminary amendment in PTO.

7-29-83 Supplemental information disclosure statement.

* * * * *

ϕ00014253

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

482100 1127/IMPROVED SMOKING COMPOSITIONS

K. Podraza and Y. Houminer
Chemical Research/Sanders/Osdene

This invention provides smoking compositions which contain a monocarbonate ester compound as a flavorant additive. In one of its embodiments, this invention provides tobacco compositions which contain a monocarbonate ester flavorant additive such as 1-phenoxycarbonylosy-3-propanol. Under cigarette smoking conditions this monocarbonate ester pyrolyzes into phenol and other products which flavor the mainstream and sidestream smoke.

Inskeep/D&O
4-4-83 Filed in PTO; assignment recorded.
6-24-83 Prior art statement.

* * * * *

484359 PM 1030 CONT/PRODUCTION OF MONOACYLPYRAZINES

D. Williams, Y. Houminer, and R. Southwick
Chemical Research/Sanders/Osdene

This invention provides a process for preparing monoacylpyrazines which involves coreacting a pyrazine compound and an aldehyde compound under free radical conditions in a heterogeneous reaction medium consisting of an organic phase and an aqueous phase.

Inskeep/D&O
9-30-81 Filed in PTO; assignment recorded.
7-14-82 Action rejecting all claims (response due 14 October).
10-82 Amendment.
12-23-83 Final rejection.
2-9-83 Amendment.
3-11-83 Advisory action.
3-15-83 Request for 1-month extension.
4-19-83 SN 307262 abandoned and continuation filed in PTO.

Foreign applications/patents corresponding to parent (SN 307262) in: Canada, and EPO designating Germany, Netherlands, and UK.

* * * * *

0000014254

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

519424 1151/SMOKING COMPOSITIONS CONTAINING A FLAVORANT-RELEASE ADDITIVE

K. Podraza and Y. Houminer
Chemical Research/Sanders/Osdene

This invention provides smoking compositions which contain a tetracarbonate ester compound as a flavorant additive.

Inskeep/D&O
8-1-83 Filed in PTO.

* * * * *

ϕ00014255

Source: https://www.industrydocuments.ucsf.edu/docs/ybj0000

519612 PM 964 DIV III/SMOKING COMPOSITIONS

Y. Houminer and H. Grubbs
Chemical Research/Sanders/Osdene

This invention provides tobacco and non-tobacco smoking compositions which contain a heterocyclic-hydroxy-substituted carboxylate compound as a flavorant additive.

Inskeep
8-2-83 Filed in PTO.

* * * * *

φ00014256

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000

519785 PM 964 DIV II/SMOKING COMPOSITIONS

Y. Houminer and H. Grubbs
Chemical Research/Sanders/Osdene

This invention provides tobacco and non-tobacco smoking compositions which contain a heterocyclic-hydroxy-substituted carboxylate compound as a flavorant additive.

Inskeep
8-2-83 Filed in PTO.

* * * * *

0000142574

Source: https://www.industrydocuments.ucsf.edu/docs/fybj0000